

Case Creation Option

Case "10074782" already exists. Please overwrite it or cancel the operation.

The Contents of Case "10074782"

Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	((435/243)!.CCLS.)	USPT	None	ADJ	YES
Q2	435/252.31	USPT	None	ADJ	YES
Q3	435/252.5	USPT	None	ADJ	YES
Q4	Q1 and Q3	USPT	None	ADJ	YES
Q5	Q2 and Q4	USPT	None	ADJ	YES
Q6	(Bacillus same (sphaericus or thuringiensis)near5 insecticidal or insecticid\$6 or larvicid\$6 or ditericid\$6 orlarvistic or dipteristatic or mosquitocidal)	USPT	None	ADJ	YES
Q7	composition or preparation or (insecticide or bioinsecticide) near5 (surfactant ot binder or adherent or preservat\$6 or humactant or humid\$5 or additive or stimulant or emulsifier or emulsifyong agent)	USPT	None	ADJ	YES
Q8	Q6 and Q7	USPT	None	ADJ	YES
Q9	(larva or larv\$5) same (mosquito or diptera or aedes or anopheles or culex or cutiseta or aedes aegypti or Anopheles freeborni or Culex pipiens or Culex quinquefasciatus or Culex tarsalis or Culiseta incidens)	USPT	None	ADJ	YES
Q10	(Bacillus or B.) same (sphaericus or thurengiensis)	USPT	None	ADJ	YES
Q11	Q7 and Q10	USPT	None	ADJ	YES
Q12	Q6 and Q11	USPT	None	ADJ	YES
Q13	Q8 and Q12	USPT	None	ADJ	YES
Q14	Q9 and Q13	USPT	None	ADJ	YES
	((non-genetically) same modified or modify\$5)				

Q15	near5 ((Bacillus or B.) same ((sphaericus or thurengiensis) or thurengiensis same subsp. israelensis))	USPT	None	ADJ	YES
Q16	((genetically) same unmodified or unmodify\$5) near5 ((Bacillus or B.) same ((sphaericus or thurengiensis) or thurengiensis same subsp. israelensis))	USPT	None	ADJ	YES
Q17	((genetically near5 unmodified) near5 ((Bacillus or B.) same ((sphaericus or thurengiensis) or thurengiensis same subsp. israelensis)))	USPT	None	ADJ	YES
Q18	((genetically) near5 non-modified or unmodified)	USPT	None	ADJ	YES
Q19	((Bacillus or B.) same ((sphaericus or thurengiensis) or thurengiensis same subsp. israelensis))	USPT	None	ADJ	YES
Q20	Q18 and Q19	USPT	None	ADJ	YES
Q21	Q14 and Q20	USPT	None	ADJ	YES
Q22	((Bacillus or B.) near5 sphaericus)near5 slurry	USPT	None	ADJ	YES
Q23	((Bacillus or B.) near5 thurengiensis)near5 slurry	USPT	None	ADJ	YES
Q24	((Bacillus or B.) near5 thuringiensis)near5 slurry	USPT	None	ADJ	YES
Q25	((Bacillus or B.) near5 thuringiensis)same slurry	USPT	None	ADJ	YES
Q26	((Bacillus or B.) near5 thuringiensis)	USPT	None	ADJ	YES
Q27	((Bacillus or B.) near5 sphaericus)	USPT	None	ADJ	YES
Q28	Q18 and Q27	USPT	None	ADJ	YES
Q29	Q23 and Q28	USPT	None	ADJ	YES
Q30	Q22 and Q28	USPT	None	ADJ	YES
Q31	Q8 and Q9	USPT	None	ADJ	YES
Q32	Q20 and Q25	USPT	None	ADJ	YES
Q33	Q18 and Q25	USPT	None	ADJ	YES
Q34	Q8 and Q33	USPT	None	ADJ	YES
Q35	Q22 and Q34	USPT	None	ADJ	YES
Q36	Q8 and Q33	USPT	None	ADJ	YES
Q37	Q15 and Q36	USPT	None	ADJ	YES
Q38	Q15 and Q22	USPT	None	ADJ	YES
Q39	Q36 and Q22	USPT	None	ADJ	YES

Q40	Q18 and Q22	USPT	None	ADJ	YES
Q41	Q20 and Q22	USPT	None	ADJ	YES
Q42	Q20 and Q25	USPT	None	ADJ	YES
Q43	(Bacillus same (thuringiensis)near5 insecticidal or insecticid\$6 or larvicid\$6 or ditericid\$6 orlarvistic or dipteristatic or mosquitocidal)	USPT	None	ADJ	YES
Q44	Q33 and Q43	USPT	None	ADJ	YES
Q45	Q7 and Q43	USPT	None	ADJ	YES
Q46	Q33 and Q45	USPT	None	ADJ	YES
Q47	Q44 and Q46	USPT	None	ADJ	YES
Q48	(insecticidal or insecticid\$6 or larvicid\$6 or ditericid\$6 or larvistic or dipteristatic or mosquitocidal)	USPT	None	ADJ	YES
Q49	Q7 and Q48	USPT	None	ADJ	YES
Q50	Q27 and Q49	USPT	None	ADJ	YES
Q51	Q22 and Q50	USPT	None	ADJ	YES

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 11:17:35 ON 03 MAR 2003

65 FILES IN THE FILE LIST IN STNINDEX

L1 QUE INGESTIBLE (L) ((BIOLOGICAL (L) INSECTICIDE) OR BIOINSECTICIDE)

L2 QUE MOISQUITOCIDAL (L) ((LARVA OR LARV?) (L) (MOSQUITO OR DIPTERA OR
AEDES

OR ANOPHELES OR CULEX OR CUTISETA OR AEDES AEGYPTI OR ANOPHELES
FREEB

ORNI OR CULEX PIPIENS OR CULEX QUINQUEFASCIATUS OR CUL TARSALIS OR
CUL

ISETA INCIDENS))

52 FILES HAVE ONE OR MORE ANSWERS, 65 FILES SEARCHED IN STNINDEX

L3 QUE ((LARVA OR LARV?) (L) (MOSQUITO OR DIPTERA OR AEDES OR ANOPHELES OR
CU

LEX OR CUTISETA OR AEDES AEGYPTI OR ANOPHELES FREEBORN OR CULEX
PIPIE

NS OR CULEX QUINQUEFASCIATUS OR CUEXL TARSALIS OR CULISETA
INCIDENS))

62 FILES HAVE ONE OR MORE ANSWERS, 65 FILES SEARCHED IN STNINDEX

L4 QUE ((BACILLUS (L) (SPHAERICUS OR THURINGIENSIS OR THURENGIENSIS) (L)
INSEC

TICIDAL OR INSECTICID? OR LARVICID? OR DITERICID? OR LARVISTATIC OR
DI

PTERISTATIC OR MOSQUITOCIDAL))

23 FILES HAVE ONE OR MORE ANSWERS, 65 FILES SEARCHED IN STNINDEX

L5 QUE ((GENETICALLY) (L) UNMODIFIED OR UNMODIF?) (L) (BACILLUS OR B.) (L)
((

SPHAERICUS OR THURENGIENSIS OR THURINGIENSIS OR (THURENGIENSIS OR
THUR

ENGIENSIS (L) SUBSP OR VAR. ISRAELENSIS)))

58 FILES HAVE ONE OR MORE ANSWERS, 65 FILES SEARCHED IN STNINDEX

L6 QUE (BACILLUS) (L) ((SPHAERICUS OR THURINGIENSIS OR THURENGIENSIS) OR B.
T

HURENGIENSIS VAR. ISRAELENSIS)

L7 QUE L6 AND L5

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO,
CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 11:17:35 ON
03 MAR 2003

1 FILE ADISNEWS
4829 FILE AGRICOLA

6	FILE ANABSTR
2615	FILE AQUASCI
466	FILE BIOBUSINESS
21	FILE BIOCOMMERCE
12918	FILE BIOSIS
385	FILE BIOTECHABS
385	FILE BIOTECHDS
719	FILE BIOTECHNO
12632	FILE CABA
45	FILE CANCERLIT
4242	FILE CAPLUS
104	FILE CEABA-VTB
8	FILE CEN
48	FILE CIN
162	FILE CONFSCI
1112	FILE CROPB
3912	FILE CROPU
55	FILE DDFB
34	FILE DDFU
289	FILE DGENE
55	FILE DRUGB
56	FILE DRUGU
11	FILE EMBAL
1708	FILE EMBASE
1246	FILE ESBIODBASE
173	FILE FEDRIP
9	FILE FROSTI
17	FILE FSTA
1532	FILE GENBANK
45	FILE HEALSAFE
141	FILE IFIPAT
971	FILE JICST-EPLUS
5913	FILE LIFESCI
3927	FILE MEDLINE
48	FILE NIOSHTIC
426	FILE NTIS
44	FILE OCEAN
3626	FILE PASCAL
2	FILE PHAR
58	FILE PHIN
239	FILE PROMT
5592	FILE SCISEARCH
4785	FILE TOXCENTER
3219	FILE USPATFULL
33	FILE USPAT2
20	FILE VETB
49	FILE VETU
645	FILE WPIDS
645	FILE WPINDEX

L3

L20 ANSWER 1 OF 1 USPATFULL

AN 96:89625 USPATFULL

TI **Insecticidal** compositions and process for preparation thereof

IN Rheaume, Lisa J., Midland, MI, United States

KAILASH C. SRIVASTAVA

Gegner, Julia A., Eugene, OR, United States
Jakubowski, James J., Midland, MI, United States
Haigh, Daniel H., Sanford, MI, United States
Peters, James, Midland, MI, United States
PA DowElanco, Indianapolis, IN, United States (U.S. corporation)
PI US 5560909 19961001
AI US 1991-736535 19910726 (7)
RLI Continuation of Ser. No. US 1989-311662, filed on 16 Feb 1989, now abandoned which is a continuation-in-part of Ser. No. US 1986-870195, filed on 3 Jun 1986, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Wityshyn, Michael G.; Assistant Examiner: Larson, K.
LREP Osborne, D. Wendell, Jones, S. Preston
CLMN Number of Claims: 62
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1010
AB The invention concerns certain **insecticidal** compositions of ingestible **insecticides** selected from the group consisting of DNA viruses, RNA viruses and bacteria of the order **Bacillus** such as, for example, **Bacillus thuringiensis** var. israelensis entrapped by a suitable charged polymer. The invention also concerns a process for the preparation of and the use of such **insecticidal** compositions.
d bib abs L22, 1-7

L22 ANSWER 1 OF 7 USPATFULL
AN 2001:220855 USPATFULL
TI Polynucleotide compositions encoding Cry1Ac/Cry1F chimeric O-endotoxins
IN Malvar, Thomas, Dublin, PA, United States
Gilmer, Amy Jelen, Langhorne, PA, United States
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)
PI US 6326169 B1 20011204
AI US 1999-261040 19990302 (9)
RLI Division of Ser. No. US 1996-754490, filed on 20 Nov 1996, now patented,
Pat. No. US 6017534
DT Utility
FS GRANTED
EXNAM Primary Examiner: Navarro, Albert
LREP Ball, Timothy K.Howrey Simon Arnold & White, LLP
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 4180
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed are novel synthetically-modified B. thuringiensis chimeric crystal proteins having improved insecticidal activity against coleopteran, dipteran and lepidopteran insects. Also disclosed are the nucleic acid segments encoding these novel peptides. Methods of making and using these genes and proteins are disclosed as well as methods for the recombinant expression, and transformation of suitable host cells. Transformed host cells and transgenic plants expressing the modified endotoxin are also aspects of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L22 ANSWER 2 OF 7 USPATFULL
AN 2001:59671 USPATFULL
TI Chimeric **bacillus thuringiensis**-endotoxins and host
cells expressing same
IN Malvar, Thomas, Dublin, PA, United States
Gilmer, Amy Jelen, Langhorne, PA, United States
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)
PI US 6221649 B1 20010424
AI US 1999-260952 19990302 (9)
RLI Division of Ser. No. US 1996-754490, filed on 20 Nov 1996, now
patented,
Pat. No. US 6017534
DT Utility
FS Granted
EXNAM Primary Examiner: Navarro, Albert
LREP Ball, T KHowrey Simon Arnold & White, LLP
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 4104

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are novel synthetically-modified *B. thuringiensis* chimeric
crystal proteins having improved insecticidal activity against
coleopteran, dipteran and lepidopteran insects. Also disclosed are the
nucleic acid segments encoding these novel peptides. Methods of making
and using these genes and proteins are disclosed as well as methods for
the recombinant expression, and transformation of suitable host cells.
Transformed host cells and transgenic plants expressing the modified
endotoxin are also aspects of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L22 ANSWER 3 OF 7 USPATFULL
AN 2000:164331 USPATFULL
TI Hybrid **Bacillus thuringiensis** .delta.-endotoxins
with novel broad-spectrum insecticidal activity
IN Malvar, Thomas, Dublin, PA, United States
Gilmer, Amy Jelen, Langhorne, PA, United States
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)
PI US 6156573 20001205
AI US 1999-260728 19990302 (9)
RLI Division of Ser. No. US 1996-754490, filed on 20 Nov 1996, now
patented,
Pat. No. US 6017534
DT Utility
FS Granted
EXNAM Primary Examiner: Navarro, Albert
LREP Timothy K. Ball, Esq., Simon, HowreyArnold & White LLP
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 6867

KAILASH C. SRIVASTAVA

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are novel synthetically-modified *B. thuringiensis* chimeric crystal proteins having improved insecticidal activity against coleopteran, dipteran and lepidopteran insects. Also disclosed are the nucleic acid segments encoding these novel peptides. Methods of making and using these genes and proteins are disclosed as well as methods for the recombinant expression, and transformation of suitable host cells. Transformed host cells and transgenic plants expressing the modified endotoxin are also aspects of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L22 ANSWER 4 OF 7 USPATFULL

AN 2000:94994 USPATFULL

TI ***Bacillus thuringiensis*** CryET29 compositions toxic to coleopteran insects and ctenocephalides SPP

IN Rupar, Mark J., Wilmington, DE, United States

Donovan, William P., Levittown, PA, United States

Tan, Yuping, Fremont, CA, United States

Slaney, Annette C., Hamilton Square, NJ, United States

PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)

PI US 6093695 20000725

AI US 1996-721259 19960926 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Prouty, Rebecca

LREP Ball, Esq., Timothy K., Simon, HowreyArnold & White, LLP

CLMN Number of Claims: 19

ECL Exemplary Claim: 1

DRWN 2 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 3079

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a novel .delta.-endotoxin, designated CryET29, that exhibits insecticidal activity against siphonapteran insects, including larvae of the cat flea (*Ctenocephalides felis*), as well as against colcopteran insects, including the southern corn rootworm (*Diabrotica undecimpunctata*), western corn rootworm (*D. virgifera*), Colorado potato beetle (*Leptinotarsa decemlineata*), Japanese beetle (*Popillia japonica*),

and red flour beetle (*Tribolium castaneum*). Also disclosed are nucleic acid segments encoding CryET29, recombinant vectors, host cells, and transgenic plants comprising a cryET29 DNA segment. Methods for making and using the disclosed protein and nucleic acid segments are disclosed as well as assays and diagnostic kits for detecting cryET29 and CryET29 sequences in vivo and in vitro.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L22 ANSWER 5 OF 7 USPATFULL

AN 2000:9525 USPATFULL

TI Hybrid ***Bacillus thuringiensis*** .delta.-endotoxins with novel broad-spectrum insecticidal activity

IN Malvar, Thomas, Dublin, PA, United States

Gilmer, Amy Jelen, Langhorne, PA, United States

PA Ecogen, Inc., Langhorne, PA, United States (U.S. corporation)

KAILASH C. SRIVASTAVA

PI US 6017534 20000125
AI US 1996-754490 19961120 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Caputa, Anthony C.; Assistant Examiner: Navarro, Mark
LREP Arnold, White & Durkee
CLMN Number of Claims: 34
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 6790

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are novel synthetically-modified *B. thuringiensis* chimeric crystal proteins having improved insecticidal activity against coleopteran, dipteran and lepidopteran insects. Also disclosed are the nucleic acid segments encoding these novel peptides. Methods of making and using these genes and proteins are disclosed as well as methods for the recombinant expression, and transformation of suitable host cells. Transformed host cells and transgenic plants expressing the modified endotoxin are also aspects of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L22 ANSWER 6 OF 7 USPATFULL

AN 96:89625 USPATFULL

TI Insecticidal compositions and process for preparation thereof

IN Rheame, Lisa J., Midland, MI, United States

Gegner, Julia A., Eugene, OR, United States

Jakubowski, James J., Midland, MI, United States

Haigh, Daniel H., Sanford, MI, United States

Peters, James, Midland, MI, United States

PA DowElanco, Indianapolis, IN, United States (U.S. corporation)

PI US 5560909 19961001

AI US 1991-736535 19910726 (7)

RLI Continuation of Ser. No. US 1989-311662, filed on 16 Feb 1989, now abandoned which is a continuation-in-part of Ser. No. US 1986-870195, filed on 3 Jun 1986, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Wityshyn, Michael G.; Assistant Examiner: Larson, K.

LREP Osborne, D. Wendell, Jones, S. Preston

CLMN Number of Claims: 62

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1010

AB The invention concerns certain insecticidal compositions of ingestible insecticides selected from the group consisting of DNA viruses, RNA viruses and bacteria of the order *Bacillus* such as, for example, *Bacillus thuringiensis* var. *israelensis* entrapped by a suitable charged polymer. The invention also concerns a process for the preparation of and the use of such insecticidal compositions.

L22 ANSWER 7 OF 7 USPATFULL

AN 93:69611 USPATFULL

KAILASH C. SRIVASTAVA

TI Insect bait station
IN Chang, Frank N., Dresher, PA, United States
Gehret, Michael J., Lebanon, PA, United States
PA Temple University - Of the Commonwealth System of Higher Education,
Philadelphia, PA, United States (U.S. corporation)
PI US 5238681 19930824
AI US 1992-837531 19920214 (7)
RLI Continuation of Ser. No. US 1990-523011, filed on 14 May 1990, now
abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Harrison,
Robert
H.
LREP Ratner & Prestia
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 497
AB An insect bait station comprising a first compartment with a hydrated
macel containing at least one species of entomopathogen and a second
compartment containing a hydrated water retentive compound layer which
acts as a water-reservoir for the entomopathogen.